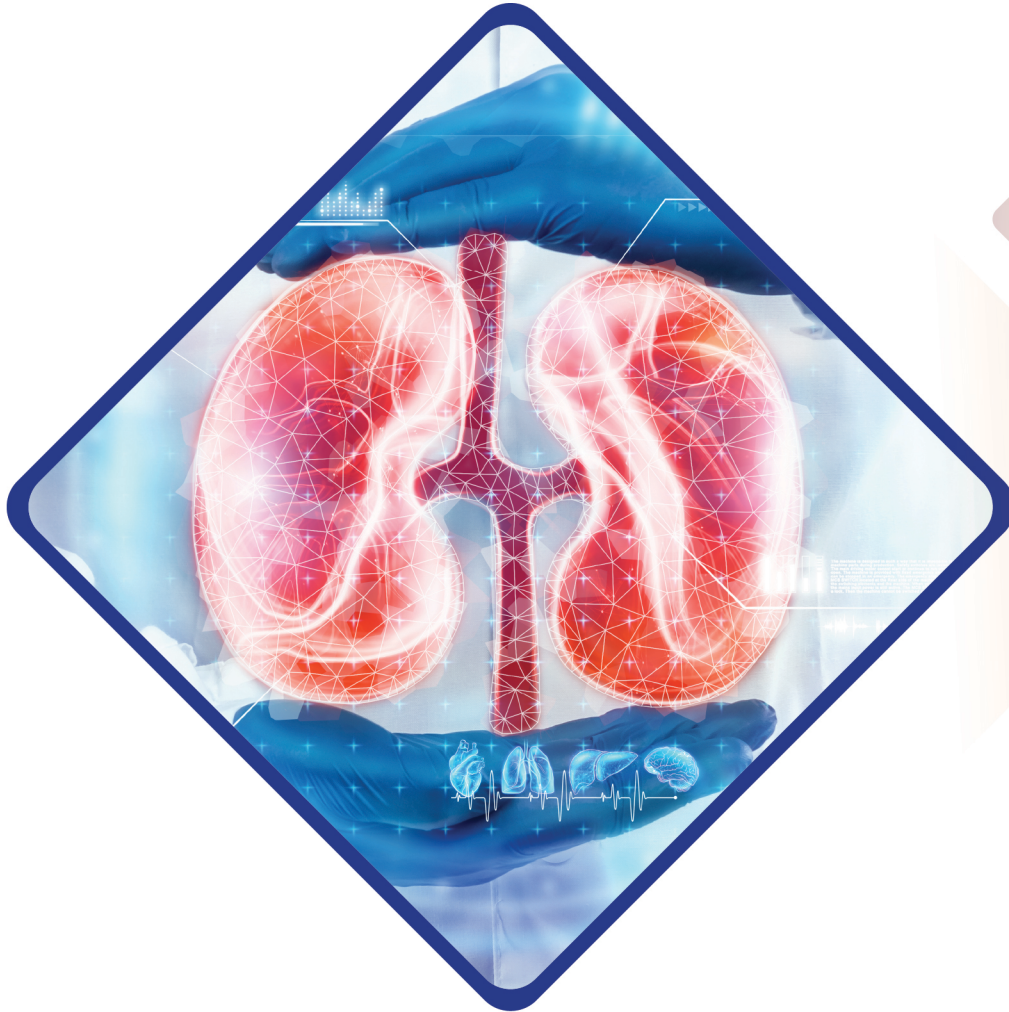




Nephrology

Nephrology

Overview

Nephrology is the branch of medicine that specializes in the study, diagnosis, and management of diseases pertaining to the kidneys. Common diseases include acute and chronic failure of the kidneys to filter blood (kidney injury), nephrolithiasis (kidney stones), acid-base and electrolyte imbalances, conditions that affect the glomerulus, and urinary tract infections.

A competent physician must have a keen eye for the clinical manifestations, both acute and chronic, of the most common conditions affecting the kidneys in order to start the proper initial management and know which conditions need to be examined by an internist or a nephrologist.

For this course, the student needs to be acquainted with the anatomy and physiology of the kidneys, the physiology of acid-base and electrolyte balance, and cell-mediated immunity.

Although it might seem challenging, a good grasp of basic concepts of nephrology aids in attaining a fuller picture of the most important systemic ailments. For example, medication-resistant hypertension may be due to a secondary cause affecting the kidneys, such as renal artery stenosis.

Topics

Nephrology

124 Videos

Pediatric Nephrology & Urology

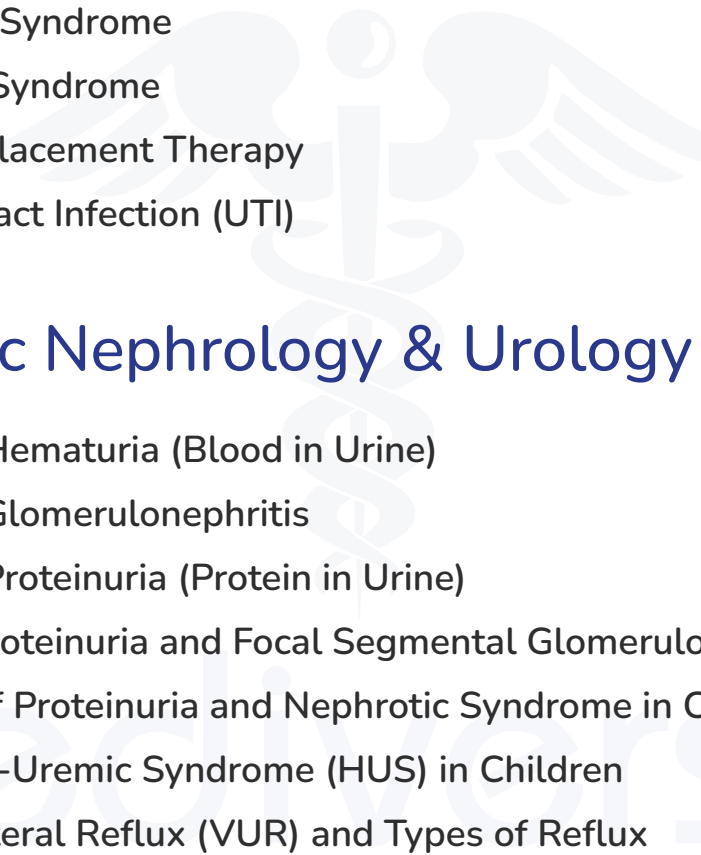
015 Videos

Renal System – Clinical Medicine (PA)

010 Videos



Nephrology



• Acute Kidney Injury (AKI)	20 Videos
• Chronic Kidney Disease (CKD)	15 Videos
• Nephrolithiasis (Kidney Stones)	09 Videos
• Water Balance: Hypo- and Hypernatremia	14 Videos
• Potassium Disorders: Hypo- and Hyperkalemia	14 Videos
• Secondary Hypertension	13 Videos
• Nephrotic Syndrome	11 Videos
• Nephritic Syndrome	11 Videos
• Renal Replacement Therapy	05 Videos
• Urinary Tract Infection (UTI)	12 Videos

Pediatric Nephrology & Urology

- Pediatric Hematuria (Blood in Urine)
- Pediatric Glomerulonephritis
- Pediatric Proteinuria (Protein in Urine)
- Tubular Proteinuria and Focal Segmental Glomerulosclerosis (FSGS)
- Workup of Proteinuria and Nephrotic Syndrome in Children
- Hemolytic-Uremic Syndrome (HUS) in Children
- Vesicoureteral Reflux (VUR) and Types of Reflux
- Posterior Urethral Valves (PUV) and Ureteropelvic Junction (UPJ) Obstruction
- Vesicoureteral Reflux (VUR): Management
- Pediatric Polycystic Kidney Disease
- Renal Tubular Acidosis (RTA) in Children: Type 1
- Renal Tubular Acidosis (RTA) in Children: Type 2 and 3
- Renal Tubular Acidosis (RTA) in Children: Type 4 and Review
- Pediatric Rhabdomyolysis
- Undescended Testicle in Children and Painful Testicle Syndrome

Renal System – Clinical Medicine (PA)

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AI supported learning	✓ Yes	✗ No
Live Interaction Sessions	✓ Yes	✗ No
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Data and privacy protection	✓ Yes	✗ No
CME access	✓ Yes (Lifetime)	✗ No
Medico Legal Session	✓ Yes (Free. By renowned high court advocates)	✗ No
National Level Felicitation Award (for Mediversal Alumni)	✓ Yes	✗ No



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